

Technology Deployment Initiatives and Partnership Program

Request for Funding

FY 2001

FHWA Strategic Goal Area:

Project Title: Denali National Park Time Domain Reflectometry

Problem Statement: The earth road access to Denali is subject to severe damage during the spring thaw. It is extremely difficult to predict when the road can be open to concessionary's busses. Beginning in FY 2000, WFLHD began installing a Time Domain Reflectometry system to measure moisture and temperature. The system needs to be supplemented with a soil strength analyzer and additional depth of TDR.

Proposal: Supplement the equipment installed in FY 2000 with additional depth TDR and a soil strength analyzer.

Benefits: With this equipment the NPS staff can monitor the elements and better predict when to open the road to busses without damaging the road.

Resources/Cost: \$5,000

Duration: FY 2001

Organization/Method: The WFLHD has the expertise and with contract labor can install the systems and begin the analysis.

Submitter:

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Champion:

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